AEE/SSD/CRA/0000056/19-20 dt. 21/8/19

Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

(For Other Works)

First & & Final Bill

Division: **BBMP, Dasarahally** Sub-Division : **Shettyhalli Sub Division** Date.....

Bill Received No. 122 Dated 26/8/19 Divisional

Est.Cost: **15.00 Lakhs** Sub Divisional Cash Book Voucher No..... Dated.....

D.R.No. : Schedule Docket No. Head of Account:

Name of Work (as per sanctioned estimate) : **Construction of First Floor to Samudaya Bhavan at Abbigere for Yoga Kendra in Ward No.12, in Shettyhalli Sub Division.**

Name of Contractor and Full Address : *Technical Manger (West) KRIDL, Project Implementation Unit, No 280, 59th cross, 17th 'C' main road, 3rd 'Y'Block, Rajajinagara, Bengaluru-560010*

Reference to Agreement No.: **EE /DD /WO /329 / 2017-18** Dated: **22-03-2018**

Certified that the measurements were taken by me on 07.02.2019 and recorded in Pages 225968 to 225952 of measurement Book No. 2260/18-19 and that the work is satisfactorily executed.

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

Officer-in-charge of work

Certified that the measurement were taken by me on 06/08/19 and found correct. The work is satisfactorily executed. Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ಡಿವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

Sub-Division Officer

II Memorandum of Payment **Work Code: 012-18-000010 (P 3332)**

28) Total value of work done or supplies made as per account within — 1st and Finall Bill → 1408636=00
29) Deduct amount to be held in reserve being .....percent Rs.....
30) " Balance
31) Deduct Payment:
   a. Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No..... towards cash advance recovery of — Amount adjusted
   b. Payments Now made { cost store or other material supplied. / recovery of amount creditable to this/other work / Amount paid on this bill Cheque / Cash.

IT → 28173=00
LWC → 14086=00
LR → 2116=00
FSD → 70432=00
CBF → 1409=00
CGST → 12577=00
SGST → 12577=00
Fine → 2300=00
Total amount adjusted → 126496=00

(-) 143670=00

32) Balance being unpaid value of work done held in reserve.
33) Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments. — Unadjustments items
34) Net amount due to or from Contractor — Net Amount Payable
35) Advance to Contractor for materials brought to site (as detailed) within
36) Value of Government materials supplied.

Received Rs..... (in words).....
.....
by cash and by adjustment of Payment as per memorandum
(in final settlement of all demands)

Contractor's Signature

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

Witness
1.
2.
Dated Signature of Contractor

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

Audited and admitted for Rs. 1408636=00 (For use in the Office)
Passed by Cheque for Rs. 1264966=00
(Rupees Twelve lakhs Sixty four thousand Nine Hundred Sixty Six only)
by adjustment 143670=00

Stamp

Accounts Superintendent Executive Engineer
B.B.M.P. Dasarahalli Division

Paid by me by Cheque No.....Dated.....
Cash Rs.....
Dated.....

Initials of Officer making payment

Sl. No.	Description of Item
1	Providing and constructing **pre cast concrete solid blocks** with compressive strength not less than 35 kg/sqm with cement mortar 1:4 masonry (quoins, jamb,closer blocks) with solid concrete blocks of size 40x20x20cms conforming to I.S: 2185/1965 in superstructure including cost of materials,labour charges,scaffolding,curing etc., complete as per superstructure **(Page No.25,Item No.5.27)**
2	KSRB 4.2.8: **Providing and laying in position reinforced cement concrete of design mix M20 with** OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @ 0.46cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for **all works in ground floor level for roof slabs, staircase, lintles, and beams** retaining walls, return walls, walls (any thickness) including attached plasters, **columns,** pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6. **(P. No. 14/ I.No. 4.13 of CSR 2016-17)**
3	**Providing and fabricating TMT . Steel (cold, Twisted) reinforcement for R.C.C.** work including straightening, cutting, bending, hooking,placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design(laps and wasteage shall not measured and paid) cost of materials. labour. HOM of machinery complete as per specifications (Page NO. 17, Itm. NO. 4.46) Fe 500
4	**Providing and removing centering shuttering** strutting propping etc., and removal of form work for sides and soffits of **beams beam houchings** cantilever girders bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specification (**Page No. 16, item No. 4.34)**
5	**Fabricating, supplying & erecting M.S. angular Truss** of span upto 10m. The bottom & top member is provided with 50x50x6mm double equal angles, welded back to back and in between top & bottom line, in areas of mid section is provided with 50x50x6mm equal single angle for vertical and inclined members and at supporting ends 40x40x5mm single angle is provided. All the members are welded together with 6mm gusset plate as per Drawing No.CBS/ SD/K-Mantap/9/MND/97. The entire truss is anchored in RCC column by using 4 Nos. of M.S. anchor bolts at each support, with 10mm thick base plate and shoe plate.The work includes cutting, straightening, placing in position of M.S angle and wleding wherever necessary, and applying one coat of red oxide primer coat to all the members including cost of all materials, labour charges, & hire charges of machineries for cutting, welding, grinding & erection equipments, etc., complete as per specification. **(Page No. 40 Item No. 7.30 o f CSR 2016-17).**
6	KSRB 8.3-1 : **Providing and laying to required line and slope roofing with** corrugated asbestos cement sheet 6mm. thick fixed with galvanised iron J or L hooks, bolts and nuts 8mm. dia C.I plain and bitumen washers over the existing purlins, rafters and trusses including cost of materials, labour, complete as per specifications. Specification No. KBS 8.5 **(P.No. 46, I.No. 8.3 of PWD SR 2016-17)**
7	**Supplying and fixing pressed steel door** frames size 125x65 mm manufactured from 1.25mm thick carbon steel or imported steel strips with mitred joints of 900 for door openings and shutters made out of seasoned Honne wood, styles of 30 mm, thick with lock rail of 160 mm, width, top and side rails of 100 mm. width and bottom rails of 250 mm width and panel filling with 12mm thick particle board of exterior grade bonded with phenol formal dehide resin and the shutter shall be rot proof, vermin proof, heat resistant guaranteed against shrinkage, warpage and such other defects for a period of 3 years. This shall be as per approved drawings, specification and direction including cost of conveyance, manufacturing, painting with enamel paint 2 coats over primer coat, cost of labour for all items of work, machinery, equipment and all other incidental charges with all lead, lift, loading and unloading etc., complete. The Hollow portion of the frame to be filled with cement concrete 1:2:4.**(P.No. 39, I.No. 7.26 of PWD SR 2016-17)**
8	**Providing and fixing M.S. grill work for windows and ventilator** weighing 21kg/Sqm using M.S. flats, or M.S square rods or combination of M.S. flats and steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures labour and HOM of machinery specifications **(Page 32, Item No. 7.9)**

Unit	Previous Measurements		Present Measurements			Total up to date	
	Qty	Amount	Qty	Rate	Amount	Qty	Amount
Sqm			223.00	1011.96	225667.08	223.00	225667.08
Cum			3.76	6650.64	25006.41	3.76	25006.41
Tonne			0.38	65455.56	24873.11	0.38	24873.11
sqm			56.34	276.48	15576.88	56.34	15576.88
kgs			1829.90	126.36	231226.16	1829.90	231226.16
Sqm			237.15	831.60	197213.94	237.15	197213.94
Cum			2.10	3780.00	7938.00	2.10	7938.00
Sqm			792	84.24	66718.08	792.00	66718.08

9	Providing 18mm thick cement plaster in single coat with cement mortar 1:3, to brick masonry including rounding off corners wherever required smooth rendering: providing and removing scaffolding, including cost of materials labour curing complete as per specifications
10	Providing lime rendering for plastering to wall and ceiling, including cost of materials, labour, curing complete as per specifications
11	Providing 20mm thick cement plaster in single coat with cement mortar 1:3, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering,: Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications
12	Providing vitrified tiles 60 x 60cms of approved make, shade and size for flooring laid on a bed of 12mm thick cement mortar 1:3 mix, flush pointing with white cement using colour pigment, including cost of materials, labour, curing complete as per specification
13	Providing and applying painting two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after throughly brushing the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications with primer.
14	Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered materials, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications
	ELECTRIFICATION
15	Groove Cutting : Supplying ... dia 2mm/2.5mm thick heavy gauage PVC conduit pipe with bends metal junction boxes adhesive paste etc. and bracing U or J hooks and cement plastering up to the surface of the brick level and run with 18 SWG GI fish wire run through out the conduit wherever necessary
	19/20 mm dia 2 mm thick
	25 mm dia 2mm thick
16	Supplying and flush mounting teak wooden box with out front plank made of not less than 12mm thick wood after due groove cutting necessary masnory patck work complete.
	10"X7"X3 (300X228X76mm)
	8"X6"X3" (300X228X76mm)
17	Supplying and fixing PVC /metal conduit accessories sepecial type Junction Box
	32 mm Junction Box
	Fan Box 18 /SWG
18	Point Wiring using copper wire switch supplying and wiring adopting loop system in existing PVC Conduit / casing capin Copper PVC insulated multi strand 2x1 .5 Sqmm copper wire with a 6 Amps flush type SP control switch shall be fixed on the existing plastic sheet gang box the other end of the wires shall be terminated with sufficient loose length in a wood PVC round block complete for each outlet Point Wiring using Class A Materials
	a) Short point upto 3 Mtr from tapping point ot out let via switch
	b) Medium point above 3 mtr upto 6 mtr from tapping point to out let via switch
19	Supplying and fixing of modular switch / socket/Stepped electrical fan regulator / dimmer / telephone socket etc on existing modular switch plate
	1-3 Way
	4-5 Way
20	Supplying and fixing superior quality modula switch mounting polyorbonate plate with cecessary supporting back plate with requires nos of machines screwes, bolts nuts etc., complete on the existing metal/PVC box
	1 to 3 Modular
	4 Modular
21	Supplying and fixing of modular switch / socket/stepped electrical fan regulater / dimmer / telephoe socket etc on existing modular switch plate \
	6 Amps 3way Socket
	Stepped Fan Regulator

Sqm			217.37	263.52	57281.34	217.37	57281.34
Sqm			217.37	27.00	5868.99	217.37	5868.99
Sqm			243.78	287.28	70033.12	243.78	70033.12
Sqm			226.26	1200.96	271729.21	226.26	271729.21
sqm			217.37	97.20	21128.36	217.37	21128.36
Sqm			243.78	90.72	22115.72	243.78	22115.72
mtr			35.00	43.00	1505.00	35.00	1505.00
mtr			25.00	53.00	1325.00	25.00	1325.00
each			2	68.00	136.00	2	136.00
each			2	52.00	104.00	2	104.00
each			6	29.00	174.00	6	174.00
each			3	57.00	171.00	3	171.00
nos			5	175.00	875.00	5	875.00
nos			5	260.00	1300.00	5	1300.00
each			5	90.00	450.00	5	450.00
each			2	100.00	200.00	2	200.00
each			1	82.00	82.00	1	82.00
each			1	100.00	100.00	1	100.00
each			5	165.00	825.00	5	825.00
each			2	530.00	1060.00	2	1060.00

22	Wiring for lighting power curcuit using one of PVC insluated 1100v grade multistrand copper conductor single core cable in open or concealed system of wiring
	1.5 Sqmm
23	Supplying an fixing one of volts PBBC bakelite straight or slant batten holder and wiring with in 60w/230 volts lamps
24	Extra for supplying 4mm thick white plastic plate and convering for juncrtion boxese or size 80 mm conduit using necessary machine screws) 8mm
	8mm
25	Supplying 4mm thick plastic sheet with necessary nitches for fixing switches regulatoirs etc and fixing in existing wooden or metal box using NF screws
	8mm
26	Supply patty type fluorescent tube light fitting of 4' - 36/40 watts fluorescent tube fitting, made out of M.S. Sheet and stove enameled with low loss open construction copper wound ferromagnetic ballast, starter, locking, locking type brass contact holder mounted on double fold type sheet base fully wired for used on 230 Volts A C Supply including fluouresecent tube Group 'A'Complete
	Group A
27	Supplying capacitor type ceiling fan complete with down rod blades, shackle, canopies etc., for operation on 230 volts, 50 cycles. Single phase AC supply conforming to ISS-374-1979 and with double ball bearing system KPWD SR 2007-08 (P-23, I-23) Regulator Model (Khaitan, Crompton Geaves, Orient, Polar, Bajaj, Usha, Havells, Almonard Regular Mode
28	Supplying and fixing superior quality modula switch mounting polyorbonate plate with ncecessary supporting back plate with required nos. of machines screwes, bolts nuts etc., complete on the existing metal Complete
a	1 to 3 Modular
b	8 Modular
29	Supplying and fixing of modular switch / socket/Stepped electrical fan regulator / dimmer / telephone socket etc on existing modular switch plate Complete
a	6Amps one way.
b	6Amps 3way Socket.
30	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C cutouts and other equipments on the mete board using 40 mm dia 2.90 mm thick GI pipe 2.5 m long buried in a pit. The pit should be filled with equa propotion of solt and charocoal 150 mm alround the pipe to complete depth. through GI wire of size, as per IS specification 7.3.3 IS 732 using 12 mm dia bolts, nuts, washers and check nuts, etc., the pipe shall have 1 throught holes of 122 mm dia. Complete

Certificate

1 Certified that the contractor has work done satisfactorily.
2 The contractor has removed the debries from work site.
3 There is no any dept. materials issued to contractor

Assistant Engineer
Ward No 12, Shettyhalli

			50.00	150.00	7500.00	50.00	7500.00
			1	60.00	60.00	1	60.00
			3	6.48	19.44	3	19.44
			2500	0.22	550.00	2500.00	550.00
			4	675.00	2700.00	4	2700.00
			2	1800.00	3600.00	2	3600.00
ach			2	82.00	164.00	2	164.00
ach			2	175.00	350.00	2	350.00
ach			1	86.00	86.00	1	86.00
ach			2	165.00	330.00	2	330.00
each			1	3000 =00 300.00	3000 =00 300.00	1	3000 =00 300.00
					1269042 = 00		1269042 = 00
	Total Rs				1266342.85		1266342.852
	Add KRIDL Charges @ 11%				139297.71		139297.71
	Grand Total				1405640.57		1405640.57

139594 = 00
1408636 = 00

139594 = 00
1408636 = 00

Assistant Executive Engineer
Shettyhalli Sub Division
BBMP, Bangalore